

ABSTRACT OF THE DISCLOSURE

An optical scanning lens which is used in a scanning and image forming optical system which gathers a light flux deflected by a light deflector in the vicinity of a surface to be scanned. The lens is formed by plastic molding of polyolefin resin, and the following condition is satisfied:

$0 < | \Delta n(x) - \min [\Delta n(x)] | < 34 \times 10^{-5}$, where $\Delta n(x)$ denotes a refractive-index distribution existing inside the lens, in a range which the light flux passes through, in the lens, and $\min[\Delta n(x)]$ denotes the minimum value of the $\Delta n(x)$.